

Fig. 1

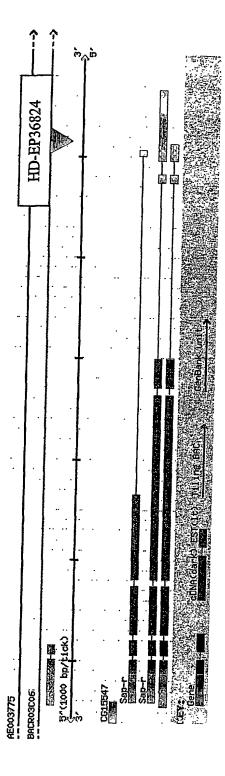


Fig. 2

Fig. 3

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841	ttgggttctg	tgatgaggtg	aaagagatgc	ccatgcagac	tctggtcccc	accaaaataa
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1921	gccacagttt	cttgactgga	ggccatcaac	cctcttggtt	gaggccttgt	tetgageest
1981	gacatgtgct	tgggcactgg	tgggcctggg	cttctgaggt	ggeetectae	cctdatcadd
2041	gaccctcccc	gctttcctgg	gcctctcagt	tgaacaaagc	agcaaaacaa	aggcagtttt
$\nabla T \Omega T$	atatgaaaga	ttagaagcct	ggaataatca	ggctttttaa	atgatgtaat	teccactota
2101	atagcatagg	gattttggaa	gcagctgctg	gtggcttaga	acatcagtgg	gaccaagaat
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2461	cttgtctcat	agatgctcct	tttgaccttt	tcaaataaat	atggatggcg	acctcctacc
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Z/U1	acttcgtgat	ttttgttttg	cactaaagtt	tctgtgattt	aacaataaaa	ttctgttagc
2761	cccccg					

Fig. 3A

1	MYALFLLASL	LGAALAGPVL	GLKECTRGSA	VWCONVKTAS	DCGAVKHCLO	TVWNKPTVKS
ρ.τ	PECDICKDAA	TAAGDMLKDN	ATEEEILVYL	EKTCDWI PKP	MMCACCEPTA	DOVEDOUT DE
121	IKGEMSRPGE	VCSALNLCES	LOKHLAELNH	OKOLESMKTP	C CLANGERMALTER	EVACA ATT THE T T SE
TRT	PODGPRSKPO	PKDNGDVCQD	CIOMVTDIOT	AVRUNSURVA	ATJURANTERC	DDI CDOMADI
24I	CKMATROARE	TATOMMMHMO	PKEICALVGF	CMGMGAXCGCO	TITATORITA CIV	ATT TO A T TOT TITE
30T	PIKKHEVPAK	SDVYCEVCEF	LVKEVTKLID	NNKTEKETLD	A FORMCSKT.D	KCT CEPCOPIT
30T	ADLAGSSTTS	ILLEEVSPEL	VCSMLHLCSG	TRLPALTON	TOPKDGGRCR	UCKAL MOAL P
421	RNLEKNSTKQ	EILAALEKGC	SFLPDPYOKO	CDOFVARYED	W.TETIMENM	DPSFVCLKTG
481	ACPSAHKPLL	GTEKCIWGPS	YWCQNTETAA	QCNAVEHCKR	HVWN	

Fig. 3B

Fig. 3C

1	MAESHLLQWL	LLLLPTLCGP	GTAAWTTSSL	ACAOGPEFWC	OSTEOALOCE	ALGHCLQEVW
ρТ	GHVGADDLCQ	ECEDIVHILN	KMAKEAIFOD	TMRKFLEOEC	MV7.PT.KT.T.MD	OCNIOUR DOWN
121	PLVIDYFQNQ	IDSNGICMHL	GLCKSROPEP	EOEPGMSDPL	PKPI.PDPI.PD	DIT TOPT OF DOT
TAT	PEGALQARPG	PHTQDLSEQQ	FPIPLPYCWL	CRALIKRIOA	MT PKCALRVA	TOTATOONOGIE
24T	VAGGICQCLA	ERYSVILLDT	LLGRMLPOLV	CRLVLRCSMD	DSACPRSPTG	FMI. DDDCECU
30T	LCMSVTTQAG	NSSEQAIPQA	MLQACVGSWL	DREKCKOFVE	OHTPOLLTIN	PRGWDAHTTC
361	QALGVCGTMS	SPLOCIHSPD	Τ.		Z Z	THOMPMITT

Fig. 3D

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1	ccatacatgc	ttctggcagt	gttgcacagc	gttgcacagc	ttggcggcct	cctggctcct
61	gcaccagaag	cttgggccca	gggcacactg	gtcggtgccc	agcagtgggg	tectggggee
121	gtggcaggcc	cccaccttct	tgcacacagc	cacggggtcc	atcatgtcct	tgagactctc
181	aatgagcacg	ggctcgtact	gggtgacgaa	gtgcttgcac	tggatcatat	agggcagcgg
241	caggatgctg	cagccaccct	tgaaggccac	caggatgtct	cgcttggtgc	tcttgctctc
301	caagttgtgg	gaggacaccg	tgagcagcct	cttgcaccca	ttgcagaagc	tgccctggtt
361	ctccgcgtcc	cactctgggg	acggcacgat	ggcataggca	tcatggactg	cccaaaccca
421	cctccggttg	ccacacagac	ggatgaactt	gcacaccttc	tctggggtga	ttttggccac
481	aagctgcacc	aaggagggc	tgtaggtgtc	caccaagatg	atqcactcct	tcgtgataga
541	ggcaggcatt	accgagcaca	cgcgctccag	ggcatgggtg	atcatgaget	cagagetett
601	ggacatgagc	cagtggtcca	gcttctgcac	cacqttcatq	cacacctcac	aggtcacacc
661	ggccttcatc	tgcatctcgc	tctgtttcct	tggcaacccc	agctccaggg	aggggacccc
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1381	ttggcagtac	cccacagccc	cgcacctggc	agctgtctgc	agatectgae	accacaccot
1441	ggagcccttt	gcacactcct	gggggcctga	aataaaacta	accetaataa	ccccaaaaa
1501	gctgggcagg	aggagcaggg	C		555-55	

Fig. 3E

1	ALLLLPSLLG	ATRASPTSGP	QECAKGSTVW	CQDLQTAARC	GAVGYCQGAV	WNKPTAKSLP
61	CDVCQDIAAA	AGNGLNPDAT	ESDILALVMK	TCEWLPSQES	SAGCKWMVDA	HSSAILSMLR
121	GAPDSAPAQV	CTALSLCEPL	QRHLATLRPL	SKEDTFEAVA	PFMANGPLTF	HPROAPEGAL
181	CQDCVRQVSR	LQEAVRSNLT	LADLNIQEQC	ESLGPGLAVL	CKNYLFQFFV	PADQALRLLP
241	PQELCRKGGF	CEELGAPARL	TQVVAMDGVP	SLELGLPRKQ	SEMOMKAGVT	CEVCMNVVQK
301	LDHWLMSNSS	ELMITHALER	VCSVMPASIT	KECIILVDTY	SPSLVQLVAK	ITPEKVCKFI
361	RLCGNRRRAR	AVHDAYAIVP	SPEWDAENQG	SFCNGCKRLL	TVSSHNLESK	STKRDILVAF
421	KGGCSILPLP	YMIQCKHFVT	QYEPVLIESL	KDMMDPVAVC	KKVGACHGPR	TPLLGTDQCA
481	LGPSFWCRSO	EAAKLCNAVO	HCOKHVW			_

Fig. 3F

PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	MYALFLLASLLGAALAGPVLGLKECTRGSAVWCQNVKTASDCGAVKHCLALLLLPSLLGATRASPTSGPQECAKGSTVWCQDLQTAARCGAVGYCQMAESHLLQWLLLLLPTLCGPGTAAWTTSSLACAQGPEFWCQSLEQALQCRALGHCL MERAGLLAVLALCCAFGVFAAATPLLGSSKCTWGPSYWCGNFSNSKECRATRHCI
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	QTVWNKPTVKSLPCDICKDVVTAAGDMLKDNATEEEILVYLEKTCDWLPKPNMSASC GAVWNKPTAKSLPCDVCQDIAAAAGNGLNPDATESDILALVMKTCEWLPSQESSAGC QEVWGHVGADDL-CQECEDIVHILNKMAKEAIFQDTMRKFLEQECNVLPLKLLMPQC QTVWETQKVPVDTDSICTICKDMVTQARDQLKSNQTEEELKEVFEGSCKLIPIKPIQKEC
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	KEIVDSYLPVILDIIKGEMS-RPGEVCSALNLCESLKWMVDAHSSAILSMLRGAPDSAPAQVCTALSLCEPLNQVLDDYFPLVIDYFQNQID-SNGICMHLGLCKSRIKVADDFLPELVEALASQMNPDQVCSVAGLCNSARIDELYKNGIQAGLDGTVQNEDDS
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	QKHLAELNHQKQLESNKIPELDMTEVVAPFMANIPLLLYPQDGPRSKPQQRHLATLRPLSKEDTFEAVAPFMANGPLTFHPRQAPQPEPEQEPGMSDPLPKPLRDPLPDPLLDKLVLPVLPGALQ SEETELAMQPNQLSCGNCNLLSRLMHSKFAATDRDDMVETMLHMCGSLSSFSDACANIVL
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	PKD
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	VCQDCIQMVTDIQTAVRTNSTFVQALVEHVKEECDRLGPGMADICKNYISQYSEIAIQMM LCQDCVRQVSRLQEAVRSNLTLADLNIQEQCESLGPGLAVLCKNYLFQFFVPADQAL ARPGPHTQDLSEQQFPIPLP PCELCEQLVKHLRDVLVANTTETEFKQVMEGFCKQSKGFKDECLSIVDQYYHVIYETL
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	MHMQPKEICALVGFCDEVKEMPMQTL RLLPPQELCRKGGFCEELGAPARLTQV
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	VPAK-VASKNVIPALELVEPIKKHEVPAKSDVYCEVCEFLVKEVTKLIDNNKTEKE VAMDGVPSLELGLPRKQSEMQMKAGVTCEVCMNVVQKLDHWLMSNSSELMYCWLCRALIKRIQAMIPKGA GASEPKFSQQEILDMQLPIDHLMGAANPGALVEGGELCTLCEYMLHFIQETLATPSTDDE
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	ILDAFDKMCSKLPKSLSEECQEVVDTYGSSILSILLEEVSPELVCSMLHLCSGITHALERVCSVMPASITKECIILVDTYSPSLVQLVA-KITPEKVCKFIRLCGNRRRLAVAVAQVCRVVPLVAGGICQCLAERYSVILLDTLLGRMLPQLVCRLVLRCSMDDSIKHTVENICAKLPSGVAGQCRNFVEMYGDAVIALLVQGLNPRDVCPLMQMCPKNLP
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	TRLPALTVHVTQPKDGGFCEVCKKLVGYLDRNLEKNARAVHDAYAIVPSPEWDAENQGSFCNGCKRLLTVSSHNLESKAGPRSPTGEWLPRDSECHLCMSVTTQAGNKKEDVEVFNPQPASDEQDPPTCPLCLFAVEQAQMKIRDN

Fig. 3G

PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	STKQEILAALEKGCSFLPDPYQKQCDQFVAEYEPVLIEILVEVMDPSFVCLKIGACPSAH STKRDILVAFKGGCSILPLPYMIQCKHFVTQYEPVLIESLKDMMDPVAVCKKVGACHGPR SSEQAIPQAMLQACVGSWLD-REKCKQFVEQHTPQLLTLVPRGWDAHTTCQALGVCGTMS KSKDNIKKVLNGLCSHLPNEIKEECVDFVNTYSNELIDMLITDFKPQEICVQLKLCPKTT
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	KPLLGTEKCIW TPLLGTDQCAL SPLQCIH YALWDLRISLEDDVDGEDKSSSEEISFNDIESLEELPPQLAFDPGFTAAPNCLI
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	GPSYWCQNTETAAQCNAVEHCKRHVWNGPSFWCRSQEAAKLCNAVQHCQKHVWSPDL
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	PKLICTELGMCILADLDDLEVDEALKYDVIALPRQDNKLSSSIKEPPTCVLCE
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	FIMTKLDADLKNKTEQDDIKRAIEAVCNRLPATVRKQCDTFVDGYASAVLKLLSDVPPKQ
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	VCQKLQLCFSVAVTDEVLECGVCHGVTQALLPFLREKKDNVSEVTALQMTSVGCE
PSAP Hs FLJ40379 Hs SFTPB Hs Sap-r Dm	NLPAKYYKICSEMISIYGSSIKNLAKRPYIDQSHICAEIGKCFESEKSSLAFARISA

Fig. 3G (continued)

Fig. 4

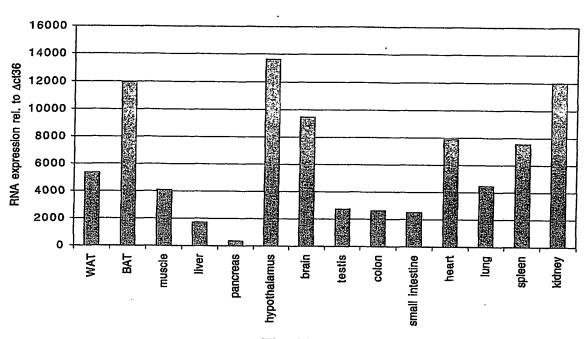


Fig. 4A

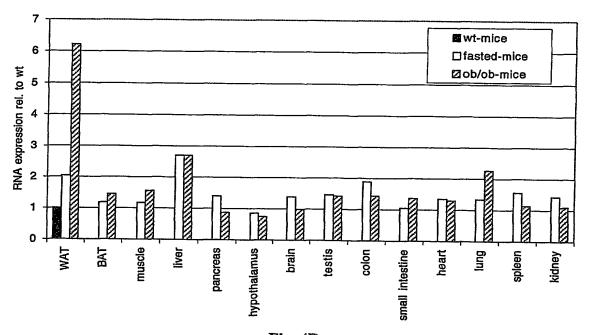


Fig. 4B

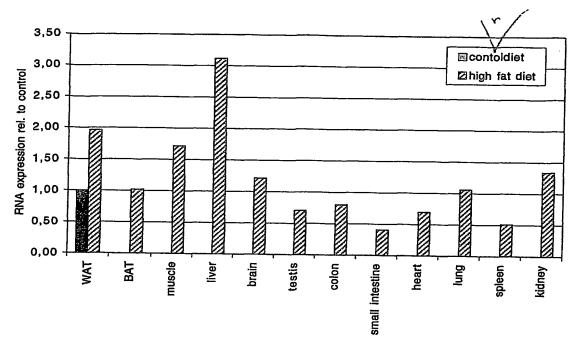


Fig. 4C

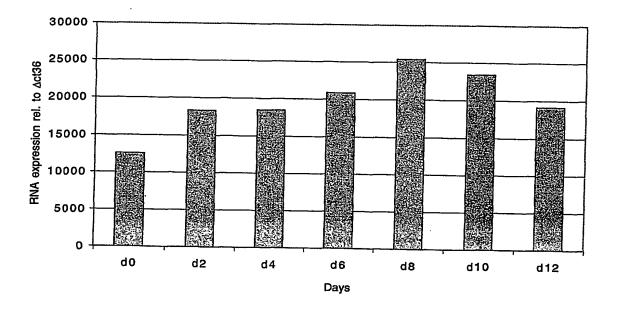


Fig. 4D

Fig. 5

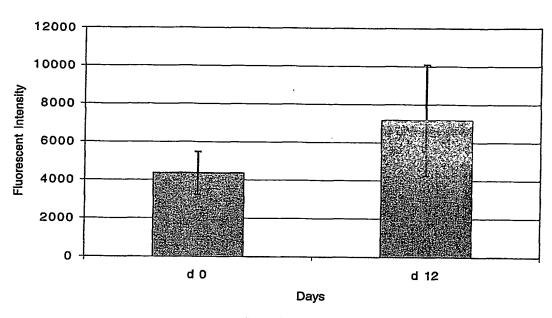


Fig. 5A

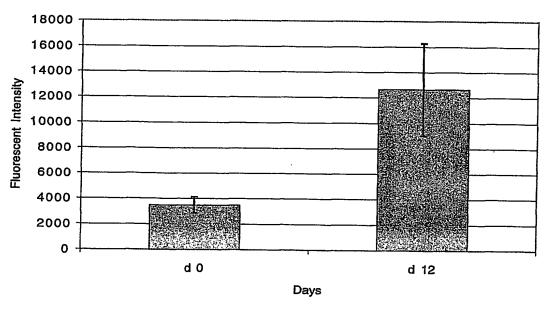


Figure 5B

Fig. 6

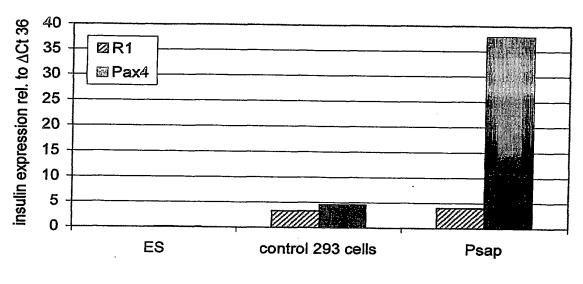


Fig. 6A

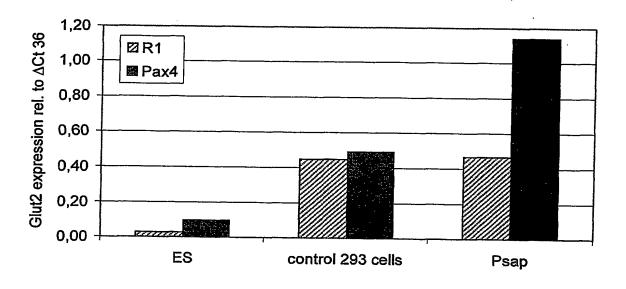


Fig. 6B